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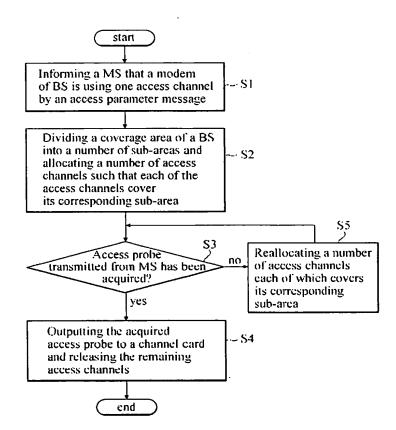
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(54) Title: METHOD FOR ALLOCATING MULTI ACCESS CHANNELS AT THE TIME OF CALL SETUP IN A MOBILE COMMUNICATION SYSTEM



(57) Abstract: There is provided a method for allocating multiple access channels at the time of call setup in a mobile communication system, wherein the method comprises the steps of: informing a mobile station that a modem of a base station is using one access channel; dividing a coverage area of the base station into a number of sub-areas; allocating a number of access channels such that each of the access channels covers its corresponding sub-area; monitoring the access channels to determine whether an access probe transmitted from the mobile station has been acquired; and if the access probe has been acquired, outputting the acquired access probe to the channel card and releasing the remaining access channels. The method reduces a call setup time and improves the call setup services by dividing a coverage area of a base station into several sub-areas according to a distance from the base station and allocating each of the access channels to the corresponding sub-area so that the search window size of each access channel diminishes.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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